

## **Forest View Acres Water District**

### **Operations Report – January 24, 2008**

Prepared by Erik Tameler, ECO Resources, Inc.

#### **Sampling:**

- The December Coliform sample result was acceptable.
- The 2008 Monitoring schedule has been received and reviewed. All parameters requested appear to be in order.

#### **Treatment Plants:**

##### **Arapahoe Water Plant:**

- AmWest- Devin Cary made a visit to the plant on Jan. 10<sup>th</sup> to fix some electrical problems, evaluate the plant, and give an overview of plant controls.
- The plant has been acting up from Jan. 15<sup>th</sup> - Jan. 18<sup>th</sup>. Now suspected is a failing control valve in the Booster Station. This valve will be rebuilt prior to the next operational cycle of the plant.
- Pneumatic valves have not been rebuilt. Parts ordered were for a newer style valve. Appropriate repair parts will be purchased and expedited.

##### **Surface Water Plant:**

- Plant improvements by The Aqueous Solution are complete. Plant start-up with The Aqueous Solution and Mike Bacon was done on Wed. Jan. 2<sup>nd</sup>. It appears that the filters are in good working order and ready for use.
- There are several maintenance items requiring attention before the plant can be placed back into operation. These include repairing the chlorine pump, installation of a plant "Start" switch, and certification of the backflow device on the backwash line. In addition, it appears that there may be water leaking from the back plug of the center primary filter.
- A cross-connection was opened during the plant start-up on Jan. 2<sup>nd</sup>. This resulted in several days of investigation and ultimately a "Boil Water" order. Subsequent remediation efforts resulted in the lifting of the order on Wed. Jan. 10<sup>th</sup>. The cross-connection valve was verified closed tightly, and the valve box was filled with sand on Jan. 16<sup>th</sup>.

#### **Distribution system:**

- Several fire hydrants flushed during the cross connection remediation efforts were found to be faulty and in need of repair or replacement.
- Wire and seals were purchased for customer meters. These will be installed in the next month or so.
- The ball valve in the Booster Station was heat taped and is no longer prone to freezing.
- Pricing was obtained from American Leak Detection for finding leaks in the Transmission Line. This information was forwarded to Rich and Joel.
- Six repair clamps for the 6" PVC mains were purchased and delivered to the AWTP.
- Cold patching material was purchased for raising the valves on Shilo Pines Dr.

- The Pollonco service issue has not been resolved. Request BOD input on whether this should be scheduled now or after spring thaw.
- Pumping and rebuilding PRVs throughout the district needs to be done, but perhaps after spring thaw.

**Miscellaneous:**

- The name of ECO Resources, Inc. has been changed to Southwest Water Co.
- On Jan. 3<sup>rd</sup>, Roger Migchelbrink of South West Water Co conducted a safety inspection of the facilities. A copy of the inspection report is forthcoming.
- The Emergency Response Plan is nearly complete, pending operator review.